

# SPECIFICATION

MODEL NUMBER	FA-HINV-192V-6KVA	FA-HINV-192V-10KVA	FA-HINV-384V-20KVA	FA-HINV-384V-30KVA
PHASE	3-phase in /3-phase out			
Max. PV Array Power	9KW	15KW	30KW	45KW
Rated Output Power	6KW	10KW	20KW	30KW
Maximum Charging Power	6KW	10KW	20KW	30KW
Nominal DC Voltage/Max. DC Voltage	500 VDC / 750 VDC		720 VDC / 950 VDC	
Start-up Voltage/Initial Feeding Voltage	220 VDC / 250 VDC		500 VDC / 550 VDC	
MPP Voltage Range	250 VDC - 700 VDC		550 VDC - 900 VDC	460 VDC - 900 VDC
Number of MPP Trackers/Maximum Input Current	1 / 20 A	1 / 33 A	1 / 48 A	1 / 72 A
Full Power MPP Voltage Range	450 VDC - 700 VDC		625 VDC - 900 VDC	
Nominal Output Voltage	230 VAC (P-N) / 400 VAC (P-P)			
Output Voltage Range	184 - 265 VAC per phase			195.5 - 253 VAC per phase
Output Frequency Range	47.5 - 51.5 Hz or 59.3 - 60.5 Hz			49 - 51 Hz or 59.3 - 60.5 Hz
Nominal Output Current	8.7 A per phase	14.3 A per phase	24.5 A per phase	43.5 A per phase
Power Factor	> 0.99			1
Maximum Conversion Efficiency (DC/AC)	0.91			0.95
AC start-up Voltage/Auto Restart Voltage	120 - 140 VAC per phase / 180 VAC per phase			150 - 170 VAC per phase / 180 VAC per phase
Acceptable Input Voltage Range	170 - 280 VAC per phase			
Max. AC Input Current	20A per phase	30A per phase	40A per phase	43.5 A per phase
Max. DC Voltage	750 VDC		950 VDC	
MPP Voltage Range	250 VDC - 700 VDC		550 VDC - 900 VDC	460 VDC - 900 VDC
Number of MPP Trackers/Max. Input Current	1 / 20 Amp	1 / 33 Amp	1 / 48 Amp	1 / 72 A
<b>BATTERY MODE OUTPUT (AC)</b>				
Nominal Output Voltage	230 VAC (P-N) / 400 VAC (P-P)			
Output Waveform	Pure sine wave			
Efficiency (DC to AC)	91%			
<b>HYBRID OPERATION</b>				
Nominal DC Voltage/Max. DC Voltage	500 VDC / 750 VDC		720 VDC / 950 VDC	
Start-up Voltage/Initial Feeding Voltage	220 VDC / 250 VDC		500 VDC / 550 VDC	
MPP Voltage Range	250 VDC - 700 VDC		550 VDC - 900 VDC	460 VDC - 900 VDC
Number of MPP Trackers/Max. Input Current	1 / 20 Amp	1 / 33 Amp	1 / 48 Amp	1 / 72 Amp
Nominal Output Voltage	230 VAC (P-N) / 400 VAC (P-P)			
<b>BATTERY &amp; CHARGER</b>				
Maximum Charging Current	32A	52A	50A	80 A
Nominal Battery Voltage	192 VDC		384 VDC	
<b>GENERAL</b>				
Dimension, D x W x H (mm)	815 x 300 x 830		559 x 320 x 909	430 x 715 x 1021
Net weight (kgs)	102	115	120	223
Humidity	0 - 90% RH (No condensing)			
Operating Temperature	-10 to 55 °C			

UPS

INVERTERS

ACCESSORIES

AVR

BATTERIES

SOLAR SOLUTION